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## WHAT IS CLAIMED IS:

1. A method for applying solder paste to a circuit board comprising:

covering a circuit board with a first stencil, wherein the first stencil comprises a first stencil hole;

applying a solder paste to a first area of a circuit board through the first stencil;

covering the circuit board with a second stencil, the second stencil comprises a second stencil hole and a void enclosure, and wherein the void enclosure covers the first area and prevents the second stencil from touching the first area; and

applying a solder paste to a second area of the circuit board through the second stencil.

- 2. The method of Claim 1, wherein applying a solder paste to a first area comprises forming a solder deposit on the first area, the solder deposit having a deposit height and wherein the deposit height is less than a height of the void enclosure.
- 3. The method of Claim 1, wherein the first stencil hole has a first width and the second stencil hole has a second width, the second width being greater than the first width.
- 4. The method of Claim 1, wherein the second stencil is operable, while covering the circuit board, to support a pressure without the second stencil touching the first area.

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5. The method of Claim 1, wherein the first stencil further comprises a plurality of first stencil holes, the first stencil holes having a first width, and wherein the void enclosure comprises a plurality of pockets, the pockets having a second width, the second width being greater than the first width.

6. The method of Claim 1, wherein the first stencil further comprises a plurality of first stencil holes, the first stencil holes having a first width, and wherein the void enclosure comprises a plurality of pillars and wherein a distance greater than the first width exists between any two pillars.

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7. The method of Claim 1, wherein the first stencil comprises a first height and wherein the second stencil comprises a second height, the second height being greater than the first height.

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- 8. The method of Claim 1, wherein the first stencil comprises a first height and wherein the second stencil comprises a second height, the second height being less than the first height.
  - 9. The method of Claim 1, further comprising:

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mounting electrical components to both the first area and the second area; and heating solder paste applied to the first area and solder paste applied to the second area.

10. A method for applying solder paste to a circuit board comprising: covering the circuit board with a stencil, wherein the stencil comprises a stencil hole, wherein the stencil hole has a first width;

applying a solder paste across a first area of the circuit board covered by the stencil;

applying a solder paste to a second area of the circuit board with a needle head applicator, wherein the needle head applicator includes one or more solder needles, each solder needle operable to apply a solder deposit of a second width to a specified point on the circuit board.

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- 11. The method of Claim 10, wherein the second width is greater than the first width.
- 12. The method of Claim 10, wherein the first width is greater than the second width.

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- 13. A system for applying solder paste to a circuit board comprising:
- a first stencil including a first stencil hole, wherein the first stencil is operable to block a flow of solder paste except through the first stencil hole;

a second stencil including a second stencil hole and a void enclosure, wherein the second stencil is operable to block a flow of solder paste except through the second stencil hole and wherein the void enclosure is operable to prevent the second stencil from touching an area of a circuit board positioned underneath the second stencil;

a solder applicator, operable to dispense solder paste; and

a stencil alignment module operable to:

position the first stencil over the circuit board;

apply solder paste to a first area of the circuit board through the first stencil;

position the second stencil over the circuit board so that the void enclosure aligns with the first area; and

apply solder paste to a second area of the circuit board through the second stencil.

- 14. The system of Claim 13, wherein the stencil alignment module is operable to apply a solder paste to a first area by forming a solder deposit on the first area, the solder deposit having a deposit height and wherein the deposit height is less than a height of the void enclosure.
- 15. The system of Claim 13, wherein the first stencil hole has a first width and the second stencil hole has a second width, the second width being greater than the first width.
  - 16. The system of Claim 13, wherein the second stencil is operable, while covering the circuit board, to support a pressure without the second stencil touching the first area.

17. The system of Claim 13, wherein the first stencil further comprises a plurality of first stencil holes, the first stencil holes having a first width, and wherein the void enclosure comprises a plurality of pockets, the pockets having a second width, the second width being greater than the first width.

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18. The system of Claim 13, wherein the first stencil further comprises a plurality of first stencil holes, the first stencil holes having a first width, and wherein the void enclosure comprises a plurality of pillars and wherein a distance greater than the first width exists between any two pillars.

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19. The system of Claim 13, wherein the first stencil comprises a first height and the second stencil comprises a second height, the second height being greater than the first height

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20. The system of Claim 13, wherein the stencil positioning module is further operable to:

mount electrical components to the both first area and the second area; and heat solder paste applied to the first area and solder paste applied to the second area.

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